



Polycarbonate Rooflight

NaturaLight rooflights are manufactured to the highest standards and are designed to give maximum weather protection and light transmission.

Our rooflights are manufactured from UV protected polycarbonate in a choice of profiles such as domes (NLS220) and pyramids (NLS200). Polycarbonate offers high impact resistance as well as a variety of glazing options in either clear, opal, diffused or bronze tinted.

Our range of rooflights are available in either single*, double or a triple skin construction. Double or triple skin rooflights help to increase thermal and noise insulation as well as reducing the possibility of condensation, this ultimately provides designers, architects and contractors with a wide range of design options.

For larger area expanses the Thermoformed Barrel vault (NLS 210), which is a unique rooflight and is manufactured with interlocking 1 metre sections which facilitates site assembly.

Our polycarbonate rooflights can comply with L1 and L2 of the Building Regulations and have been tested by the BRE for non-fragility. Along with our standard size range, non standard sizes are available on request. Phone us for a quote now on 01670 530333 or fax 01670 824540.

* not tested by BRE for non-fragility

Circular Rooflights

A dome can be made up to 2.4 metres in diameter using a central roll joint.

BarrelVaults

Interlocking sections of 1 metre form continuous runs with thermoformed roll joints. Domed ends vary to cope with non-modular lengths.

Polycarbonate (Solid Sheet)

3mm UV protected polycarbonate *

Glazing options; Clear, diffused, bronze and opal.

U values

Single skin: 5.4 W/m²K*

Double skin: 2.6 W/m²K

Triple skin: 2.2 W/m²K

Light transmissions Based on 3mm sheeting

Clear 82% Obscure 81%

Opal 50% Bronze: 50%

Acoustics 35db approx (double skin).

Servicable temperatures: -50 to 120 degrees C

Fire:

BS 476 pt 3 AA rating

BS476 pt 7 Class 1 **

1991 Building regulations Tp(a) on 3mm and over.

**materials which achieve class 1 (or 1y) can

be classed as an AA designation

Weight: 3mm - 3.6kg/m² 4mm - 4.8kg/m²

4mm may be used on larger

thermoformed rooflights.

Fixings.

Security nut and bolt or security timber fixings are supplied with all our rooflights.

MAINTENANCE OF ROOFLIGHTS

Polycarbonate Thermoplastic has a self cleaning property; however NaturaLight rooflights can be cleaned if needed by using a light detergent and a non abrasive cloth. It is advised when cleaning any rooflight that you should always assume that they may be fragile and you should never walk, stand or lye across them.

It may be wise to consider extra H & S equipment.

NaturaLight polycarbonate rooflights and thermoformed barrel vaults have been extensively tested by the BRE for non fragility.